

## CLAIM LISTING

2 1. (Previously Presented) A medical device comprising:  
3 a stud configured to project percutaneously outward through a patient's skin  
4 layers;  
5 said stud defining an outer end and having a longitudinal peripheral surface  
6 extending inwardly from said outer end;  
7 said peripheral surface having a longitudinal porous layer thereon for promoting  
8 soft tissue ingrowth;  
9 a shoulder surface oriented substantially perpendicular to said stud peripheral  
10 surface and located inwardly from said stud outer end and from said longitudinal porous layer;  
11 and wherein  
12 said shoulder surface has a lateral porous layer thereon oriented substantially  
13 perpendicular to said longitudinal porous layer for promoting soft tissue ingrowth.  
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15 2. (Original) The medical device of claim 1 wherein at least one of said porous  
16 layers is characterized by a pore size within the range of 50 to 200 microns with a porosity of  
17 between 60 to 95%.  
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19 3. (Original) The medical device of claim 1 wherein at least one of said porous  
20 layers comprises a mesh of fibers.  
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22 4. (Original) The medical device of claim 1 wherein at least one of said porous  
23 layers comprises a mass of sintered material.  
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25 5. (Original) The medical device of claim 3 wherein said fibers are of metal material  
26 from within a group comprised of titanium, nitinol, silver, and stainless steel.  
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28 6. (Original) The medical device of claim 3 wherein said fibers are of polymeric  
29 material.  
30  
31 7. (Original) The medical device of claim 4 wherein said mass is formed of metal  
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1 material from within a group comprised of titanium, nitinol, silver, and stainless steel.

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3 8. (Original) The medical device of claim 4 wherein said mass is formed of  
4 polymeric material.

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6 9. (Original) The medical device of claim 1 wherein said stud carries means for  
7 promoting healing.

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9 10. (Withdrawn) The medical device of claim 1 wherein said stud carries a sound  
10 generator and is configured to percutaneously project into a patient's ear canal.

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12 11. (Withdrawn) The medical device of claim 1 wherein said stud comprises a  
13 portion of an implanted catheter providing access to an interior body site.

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15 12. (Withdrawn) The medical device of claim 1 wherein said stud includes a sensor  
16 coupled to an interior body site.

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18 13. (Original) The medical device of claim 1 further including a transitional layer  
19 mounted on said stud between said stud outer end and said longitudinal layer.

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21 14. (Original) The medical device of claim 1 further including a cap configured for  
22 mounting on said stud outer end.

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24 15. (Original) The medical device of claim 1 wherein said porous layers are formed  
25 of biocompatible material.

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1       16. (Previously Presented.) A method of configuring an implantable medical device  
2 with a portion adapted to project percutaneously comprising the steps of:

3               providing a longitudinally projecting stud on said device having an outer end  
4 and a peripheral surface extending longitudinally inward from said outer end;

5               providing a laterally projecting shoulder surface on said device located inwardly  
6 from and oriented substantially perpendicular to said stud peripheral surface; and

7               forming a lateral porous layer on said shoulder surface and a longitudinal  
8 porous layer on said peripheral surface for promoting tissue ingrowth and establishing an  
infection resistant barrier.

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10       17. (Original) The method of claim 16 wherein said step of forming a porous layer  
11 comprises forming the layer with a pore size within a range of 50 to 200 microns with a  
12 porosity of between 60 to 95%.

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14       18. (Original) The method of claim 16 wherein said step of forming a porous layer  
15 comprises forming at least a portion of said layer with a fiber mesh.

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17       19. (Original) The method of claim 16 wherein said step of forming a porous layer  
18 comprises forming at least a portion of said layer with a mass of sintered material.

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20       20. (Original) The method of claim 16 wherein said porous layer is formed at least  
21 in part of metal material from within a group comprised of titanium, nitinol, silver, and  
stainless steel.

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23       21. (Original) The method of claim 16 wherein said porous layer is formed at least  
24 in part of polymeric material.

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